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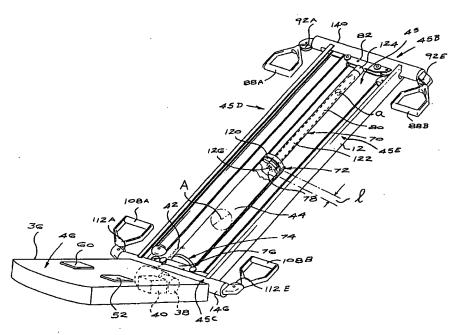
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(54) Title: RESISTANCE ASSEMBLY



(57) Abstract: A resistance assembly (44, 70, 160, 166) for use in an exercise machine which includes a cylinder and a piston with a hollow piston rod (80) which is slidably engaged with the cylinder. The interiors of the cylinder and the piston rod are pressurised using a compressor to provide a controllable resistance force against which a user can exercise.

#### INTERNATIONAL SEARCH REPORT

Internations—application No PCT/ZA 03/00156

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 A63B21/002 A63B21/008 F16F9/02 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system followed by classification symbols) IPC 7 A63B F16F Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category ° Citation of document, with indication, where appropriate, of the relevant passages Relevant to dalm No. χ US 4 826 156 A (DREIER BEAT) 1-6,112 May 1989 (1989-05-02) column 1, line 8 - line 28; figures χ EP 1 260 249 A (MULTI FORM) 1,2,5,6, 27 November 2002 (2002-11-27) 10,11 paragraph '0008! - paragraph '0016! paragraph '0030! - paragraph '0034! paragraph '0039! - paragraph '0040!; figures χ GB 2 076 665 A (HORNG MEEI SPRING) 1,5-9,119 December 1981 (1981-12-09) page 1, line 30 - line 48 page 1, line 94 - line 109; figures 3,4 -/---Further documents are listed in the continuation of box C. Patent family members are listed in annex. . Special categories of cited documents : \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention \*E\* earlier document but published on or after the international filing date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled \*O\* document referring to an oral disclosure, use, exhibition or document published prior to the International filing date but later than the priority date claimed in the art. \*&\* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 10 March 2004 23/03/2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentiaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Fischer, E

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